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<input type="checkbox"/>	L75	L72 and (((postal\$ or address\$) adj1 address\$) same (tree or root or node\$ or leaf))	0
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<input type="checkbox"/>	L72	(l68 or l69 or l70 or l71) and ((mail\$ or postal) adj1 address\$)	330
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<input type="checkbox"/>	L70	382/101-102.ccls.	147
<input type="checkbox"/>	L69	707/100.ccls.	1372
<input type="checkbox"/>	L68	707/2-5.ccls.	4109
<input type="checkbox"/>	L67	L66 and (dictionary same (tree or root or node\$ or leaf))	1
<input type="checkbox"/>	L66	l64 and dictionary	5
<input type="checkbox"/>	L65	l64 and (((mail\$ or postal) adj1 address\$) same dictionary)	1
<input type="checkbox"/>	L64	l63 and ((mail\$ or postal) adj1 address\$)	126

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DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR

☐ L61 L60 and (dictionary same (tree or root or node\$ or leaf\$)) 2
☐ L60 L59 and (dictionary same (quer\$ or search\$ or inquir\$ or enquir\$)) 2
☐ L59 (l54 or l55 or l56) and (((mail\$ or postal) adj1 address\$) same dictionary) 2
☐ L58 (l54 or l55 or l56) and ((mail\$ or postal) adj1 address\$) 2
☐ L57 ranson-david.in. 0
☐ L56 ranson-david-richard.in. 2
☐ L55 bellamy-david.in. 9
☐ L54 bellamy-david-john.in. 2

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☐ L53 L52 and (tree and root and node\$ and leaf\$) 12
☐ L52 L50 and L51 149
☐ L51 ((search\$ or quer\$ or inquir\$ or enquir\$) same dictionary) 1856
☐ L50 dictionary.ti. 263
☐ L49 L47 and (data adj1 base\$) 1
☐ L48 L47 and database\$ 1
☐ L47 5734568.pn. 1

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☐ L46 L45 and (output\$ same address\$) 8
☐ L45 L43 and (input\$ same address\$) 15
☐ L44 L43 and (input same address\$) 15
☐ L43 (postal adj1 address\$).ti. 56

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<input type="checkbox"/>	L42 L41 and tree	6
<input type="checkbox"/>	L41 L36 and (root or node\$ or leaf\$)	6
<input type="checkbox"/>	L40 L39 and input\$	4
<input type="checkbox"/>	L39 L38 and (tree or root or leaf\$ or branch\$ or levels\$)	4
<input type="checkbox"/>	L38 L36 and (dictionary same (entry or entries))	8
<input type="checkbox"/>	L37 (dictionary same (entry or entries))	1634
<input type="checkbox"/>	L36 ((search\$ or quer\$ or inquir\$ or enquir\$) same dictionary).ti.	17
<input type="checkbox"/>	L35 ((mail\$ adj1 address\$) same (search\$ or quer\$ or inquir\$ or enquir\$))	576
<input type="checkbox"/>	L34 ((postal adj1 address\$) same (search\$ or quer\$ or inquir\$ or enquir\$))	21
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<input type="checkbox"/>	L27 5146403.pn.	1
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<input type="checkbox"/>	L26 L25 and tree	45
<input type="checkbox"/>	L25 L24 same database\$	245
<input type="checkbox"/>	L24 ((search\$ or quer\$ or inquir\$ or enquir\$) same ((postal or mail\$) adj1 address\$))	588

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<input type="checkbox"/>	L23 ((search\$ or quer\$ or inquir\$ or enquir\$) same ((postal or mail\$) adj1 address\$))	2109
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DB=USPT,USOC; PLUR=NO; OP=OR

<input type="checkbox"/>	L22 (((mail\$ or post\$ or home or business or office or correspondence)adj1 address\$) same dictionary)	24
<input type="checkbox"/>	L21 (address\$ same dictionary)	1010
<input type="checkbox"/>	L20 ((mail adj1 address\$) same dictionary)	13

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<input type="checkbox"/>	L19 L18 and (mail or (mail adj1 piece)).ti.	5
<input type="checkbox"/>	L18 L17 and (mail or (mail adj1 piece))	65
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<input type="checkbox"/>	L16 (tree same (postal adj1 address\$))	9
<input type="checkbox"/>	L15 (root same node\$ same leaf\$ same (postal adj1 address\$))	3
<input type="checkbox"/>	L14 ((search\$ or quer\$ or inquir\$ or enquir\$) same (postal adj1 address\$))	65
<input type="checkbox"/>	L13 ((mailpiece or (mail adj1 piece)) same dictionary)	4

<input type="checkbox"/>	L12 L11 and dictionary	0
<input type="checkbox"/>	L11 (mailpiece or (mail adj1 piece)).ti. <i>DB=USPT,USOC; PLUR=NO; OP=OR</i>	312
<input type="checkbox"/>	L10 (dictionary same (postal adj1 address\$))	4
<input type="checkbox"/>	L9 L7 and (entry or entries)	1
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<input type="checkbox"/>	L7 L6 and (dictionary or table or index\$ or directory or library or tree)	2
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<input type="checkbox"/>	L5 ((postal adj1 address\$) same dictionary) <i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>	4
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1 Fast detection of communication patterns in distributed executions **85%**



Thomas Kunz , Michiel F. H. Seuren

Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research November 1997

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

2 Automatic segmentation of text into structured records **80%**



Vinayak Borkar , Kaustubh Deshmukh , Sunita Sarawagi

ACM SIGMOD Record , Proceedings of the 2001 ACM SIGMOD international conference on Management of data May 2001
Volume 30 Issue 2

In this paper we present a method for automatically segmenting unformatted text records into structured elements. Several useful data sources today are human-generated as continuous text whereas convenient usage requires the data to be organized as structured records. A prime motivation is the warehouse address cleaning problem of transforming dirty addresses stored in large corporate databases as a single text field into subfields like "City" and "Street". Existing to ...

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1 Communication as fair distribution of knowledge 85%



Jean-Marc Andreoli , Remo Pareschi

ACM SIGPLAN Notices , Conference proceedings on Object-oriented programming systems, languages, and applications November 1991

Volume 26 Issue 11

2 Design technologies: Visualizing and querying software structures 77%



Mariano Consens , Alberto Mendelzon , Arthur Ryman

Proceedings of the 1991 conference of the Centre for Advanced Studies on Collaborative research October 1991

Software engineering problems often involve large sets of objects and complex relationships among them. This report proposes that graphical visualization techniques can help engineers understand and solve a class of these problems. To illustrate this, two problems are analyzed and recast using the graphical language GraphLog. The first problem is that of simplifying dependencies among components of a system, which translates into removing cycles from a graph. The second problem is that of design ...

3 Copyrights and access-rights: Experiences with the enforcement of 77%




access rights extracted from ODRL-based digital contracts


Susanne Guth , Gustaf Neumann , Mark Strembeck


Proceedings of the 2003 ACM workshop on Digital rights management October 2003


In this paper, we present our experiences concerning the enforcement of access rights extracted from ODRL-based digital contracts. We introduce the generalized *Contract Schema* (CoSa) which is an approach to provide a generic representation of contract information on top of rights expression languages. We give an overview of the design and implementation of the xoREInterpreter software component. In particular, the xoREInterpreter interprets digital contracts that are based on rights exp ...


- 4** Storing text retrieval systems on CD-ROM: compression and encryption 77%


 considerations
 Shmuel T. Klein , Abraham Bookstein , Scott Deerwester
ACM Transactions on Information Systems (TOIS) July 1989
 Volume 7 Issue 3
 The emergence of the CD-ROM as a storage medium for full-text databases raises the question of the maximum size database that can be contained by this medium. As an example, the problem of storing the Trésor de la Langue Française on a CD-ROM is examined in this paper. The text alone of this database is 700 megabytes long, more than a CD-ROM can hold. In addition, the dictionary and concordance needed to access these data must be stored. A further constraint is that some of th ...
- 5** Query optimization in compressed database systems 77%

 Zhiyuan Chen , Johannes Gehrke , Flip Korn
ACM SIGMOD Record , Proceedings of the 2001 ACM SIGMOD international conference on Management of data May 2001
 Volume 30 Issue 2
 Over the last decades, improvements in CPU speed have outpaced improvements in main memory and disk access rates by orders of magnitude, enabling the use of data compression techniques to improve the performance of database systems. Previous work describes the benefits of compression for numerical attributes, where data is stored in compressed format on disk. Despite the abundance of string-valued attributes in relational schemas there is little work on compression for string attributes in a ...
- 6** The new (1982) Computing Reviews classification system—final version 77%

 Jean E. Sammet , Anthony Ralston
Communications of the ACM January 1982
 Volume 25 Issue 1
- 7** Creating creativity: user interfaces for supporting innovation 77%

 Ben Shneiderman
ACM Transactions on Computer-Human Interaction (TOCHI) March 2000
 Volume 7 Issue 1
 A challenge for human-computer interaction researchers and user interface designers is to construct information technologies that support creativity. This ambitious goal can be attained by building on an adequate understanding of creative processes. This article offers a four-phase framework for creativity that might assist designers in providing effective tools for users: (1)Collect: learn from previous works stored in libraries, the Web, etc.; (2) Relate ...
- 8** User interfaces for creativity support tools 77%

 Ben Shneiderman
Proceedings of the third conference on Creativity & cognition October 1999
- 9** Implementing catalog clearinghouses with XML and XSL 77%

 Andrew V. Royappa
Proceedings of the 1999 ACM symposium on Applied computing February 1999
- 10** The role of lexicons in natural language processing 77%



Louise Guthrie , James Pustejovsky , Yorick Wilks , Brian M. Slator
Communications of the ACM January 1996
Volume 39 Issue 1

11 Frame-axis model for automatic information organizing and spatial navigation 77%



Yoshihiro Masuda , Yasuhiro Ishitobi , Manabu Ueda

Proceedings of the 1994 ACM European conference on Hypermedia technology
September 1994

In taxonomic reasoning tasks, such as scientific research or decision making, people gain insight and find new ideas through analysis of large numbers of factual data or material documents, which are generally disorganized and unstructured. Hypermedia technology provides effective means of organizing and browsing information with such nature. However, for large amounts of information, the conventional node-link model makes linking or browsing operations be complicated because their relation ...

12 Space-efficient ray-shooting and intersection searching: algorithms, dynamization, and applications 77%



Siu Wing Cheng , Ravi Janardan

Proceedings of the second annual ACM-SIAM symposium on Discrete algorithms
March 1991

13 Addressing the requirements of a dynamic corporate textual information base 77%



Peter G. Anick , Rex A. Flynn , David R. Hanssen

Proceedings of the 14th annual international ACM SIGIR conference on Research and development in information retrieval September 1991

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 Jean-Marc Andreoli , Remo Pareschi
ACM SIGPLAN Notices , Conference proceedings on Object-oriented programming systems, languages, and applications November 1991
Volume 26 Issue 11

2 Query optimization in compressed database systems 77%

 Zhiyuan Chen , Johannes Gehrke , Flip Korn
ACM SIGMOD Record , Proceedings of the 2001 ACM SIGMOD international conference on Management of data May 2001
Volume 30 Issue 2

Over the last decades, improvements in CPU speed have outpaced improvements in main memory and disk access rates by orders of magnitude, enabling the use of data compression techniques to improve the performance of database systems. Previous work describes the benefits of compression for numerical attributes, where data is stored in compressed format on disk. Despite the abundance of string-valued attributes in relational schemas there is little work on compression for string attributes in a ...

3 Space-efficient ray-shooting and intersection searching: algorithms, 77%

 dynamization, and applications
Siu Wing Cheng , Ravi Janardan
Proceedings of the second annual ACM-SIAM symposium on Discrete algorithms
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